

OKLAHOMA MANUFACTURING ALLIANCE

Through our statewide network of manufacturing extension agents and applications engineers, we work strategically to create wealth and grow our state's economy. The organization serves as the primary resource, advocate and voice for manufacturing in Oklahoma. The Oklahoma Manufacturing Alliance is the go-to source for assessing needs and finding solutions available through public and private resources. We offer free technical assistance and business advice, helping manufacturers become progressively more successful. Services focus on improving the bottom line, while growing the entire company. We live and work in communities across Oklahoma, taking our support to your workplace on your schedule.

ECONOMIC IMPACT

MEP Center impacts are based on clients surveyed in FY2023



\$72.6 Million

Total Increased/Retained Sales



630

Total Increased/Retained Jobs



\$66.8 Million

New Client Investments



\$18.3 Million

Cost Savings

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**OKLAHOMA
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ALLIANCE**

COMPANY BOOSTS OPERATIONAL EFFICIENCY, STRENGTHENS WORKFORCE SKILLS

ABOUT GENERATION FSH. Generation FSH is a precision welding fabricator known for its exceptional craftsmanship and innovative solutions in metal manufacturing. Established in 2016, the woman-owned and minority-owned company began as a small shop focused on high-quality welding services. Over the years, Generation FSH has grown into a prominent player in the industry with a diverse range of clients across sectors like construction and energy. With a dedicated team of about 20 skilled welders and fabricators, Generation FSH operates out of its headquarters in Tulsa.

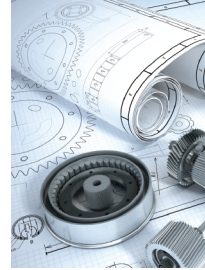
THE CHALLENGE. Shavonne Grundy was proud of the company she grew into a respected and profitable enterprise, but she knew her production capacity was diminished because many processes were not operating efficiently. She also sought help in reducing employee turnover. For advice, she turned to Rajesh Krishnamurthy, technical services director for the Oklahoma Manufacturing Alliance (OMA), part of the MEP National Network™. The Manufacturing Alliance has worked with Generation FSH on several projects and Grundy trusts OMA as a reliable advisor.

MEP CENTER'S ROLE. Krishnamurthy met with Grundy to discuss objectives and how to create a more efficient production flow. As an engineer, he has vast experience in plant layout and design. Krishnamurthy examined flow, digitizing certain processes to create a computerized model of production movement. This allowed the team to test different scenarios without having to shift actual equipment or combine tasks. The virtual simulations even let Grundy evaluate new advanced manufacturing technologies without having actual pieces onsite. Optimal schemes were established and then transferred to the real-world factory floor.

In addition, Sharon Harrison, vice president of workforce development for the Oklahoma Manufacturing Alliance, helped Grundy develop a registered apprenticeship program specifically designed to target relevant skills and meet Generation FSH's unique situation. Harrison has expertise in guiding companies through the design and implementation of customized training programs. The initiative launched with four apprentices, drawn from a pool of young people as well as seasoned workers. The apprenticeship program offers participants a solid career path to grow with the company. For Generation FSH, it not only improves the skills of its employees, but provides a boost to new employee recruitment. The initiatives are paying off with increased production efficiency and capacity, leading to additional contracts and revenue growth.

"At Generation FSH, we strive to empower minorities by offering job opportunities and comprehensive training in highly skilled trades. In collaboration with the Oklahoma Manufacturing Alliance, we are shaping a brighter future for our community, industry, and state—one generation at a time."

-Shavonne Grundy, Owner



RESULTS



6 jobs created



\$250,000 in new annual sales



\$100,000 in annual cost savings



\$100,000 in new capital investments



90% employee retention rate



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